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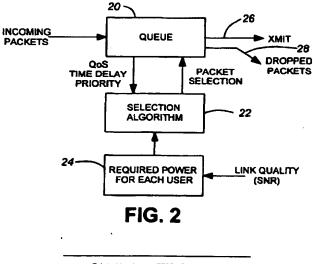
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- (54) Method and apparatus of simultaneously transmitting data packets to multiple users using limited transmission power
- (57) Data packets are selected for simultaneous transmission to multiple users using a transmitter with limited transmission power by first establishing transmission power requirements for each user, receiving in a queue (20) a plurality of data packets for transmission to one or more users, and selecting one or more data packets for transmission in a composite burst with cumulative power for the selective packets not exceeding the limited transmission power. Data packets are select-

ed for sequential composite bursts until all data packets in the queue (20) have been transmitted, at which time transmission ceases until more incoming packets arrive at the queue (20). In selecting data packets for transmission, data packets which have previously been delayed in transmission can be given priority as well as priority based on quality of service subscribed by each user. Additionally a predetermined priority weight can be assigned to data packets and used for selection.





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Application Number EP 02 29 1095

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				H04L H04Q H04B
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	Place of search	Date of completion of the search		Examiner
	MUNICH	22 September 200		N, R
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82